

What is claimed is:

1. Low transmittance glass composed of soda-lime-silica glass,  
wherein said soda-lime-silica glass includes 0.001 to 2  
wt.% Li<sub>2</sub>O and, as colorant, 0.7 to 2.2 wt.% total iron oxide  
5 expressed as Fe<sub>2</sub>O<sub>3</sub> (T-Fe<sub>2</sub>O<sub>3</sub>); and

wherein said glass has visible light transmittance (YA) of  
not greater than 65%, measured by using the CIE illuminant A,  
total solar radiation transmittance (TG) of not greater than 60%,  
and ultraviolet transmittance (Tuv) defined by ISO 9050 of not  
10 greater than 25%, when said glass has a thickness between 2.1 mm  
and 6 mm.

2. Low transmittance glass as claimed in claim 1, wherein Li<sub>2</sub>O is  
contained in an amount of less than 2 wt.%.

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3. Low transmittance glass as claimed in claim 1, wherein Li<sub>2</sub>O is  
contained in an amount of 0.05 to 0.5 wt.%.

4. Low transmittance glass as claimed in claim 1, wherein said  
20 low transmittance glass includes FeO expressed as Fe<sub>2</sub>O<sub>3</sub> in an  
amount of 20 to 50% of T-Fe<sub>2</sub>O<sub>3</sub>.

5. Low transmittance glass as claimed in claim 1, wherein said  
low transmittance glass has base glass composition consisting  
25 essentially of:

65 to 80 wt.% SiO<sub>2</sub>;

0 to 5 wt.% Al<sub>2</sub>O<sub>3</sub>;

0 to 10 wt.% MgO;

5 to 15 wt.% CaO wherein a total amount of MgO and CaO is 5 to 15 wt.%; 10 to 20 wt.% Na<sub>2</sub>O;

0 to 5 wt.% K<sub>2</sub>O wherein a total amount of Na<sub>2</sub>O and K<sub>2</sub>O is 10 to 20 wt.%; and

5           0 to 5 wt.% B<sub>2</sub>O<sub>3</sub>.

6. Low transmittance glass as claimed in claim 1, wherein said low transmittance glass includes at least one selected from the group consisting of Se, CoO, Cr<sub>2</sub>O<sub>3</sub> and NiO as colorant.

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7. Low transmittance glass as claimed in claim 6, wherein said low transmittance glass includes 0.0001 to 0.1 wt.% Se.

8. Low transmittance glass as claimed in claim 6, wherein said 15 low transmittance glass includes 0.0001 to 0.1 wt.% CoO.

9. Low transmittance glass as claimed in claim 6, wherein said low transmittance glass includes 0.001 to 2 wt.% Cr<sub>2</sub>O<sub>3</sub>.

20 10. Low transmittance glass as claimed in claim 6, wherein said low transmittance glass includes 0.001 to 2 wt.% NiO.

11. Low transmittance glass as claimed in claim 1, wherein said 25 low transmittance glass includes at least one selected from the group consisting of TiO<sub>2</sub>, CeO<sub>2</sub>, MoO<sub>3</sub>, V<sub>2</sub>O<sub>5</sub> and La<sub>2</sub>O<sub>3</sub> as colorant in an amount of 0.0001 to 1 wt.%.

12. Low transmittance glass as claimed in claim 1, wherein said low transmittance glass has visible light transmittance (YA) of

5 to 65%, measured by using the CIE illuminant A, total solar radiation transmittance (TG) of not greater than 50%, and ultraviolet transmittance (Tuv) defined by ISO 9050 not greater than 20%, when said glass has a thickness between 2.1 mm and 6 5 mm.